

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
19 FEBRUARIE 2026**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Municipiul Sebeș**

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	9.51	9.92	10.18	10.69	11.91	0.78	0.41	0.14	0.32	0.63	4.47	4.57	36.84	11.10	N/A
2:00	7.81	8.29	8.58	9.80	11.17	0.66	0.39	0.12	0.30	0.44	3.57	3.13	38.87	11.03	
3:00	9.40	9.90	10.17	11.51	13.99	0.98	0.52	0.14	0.30	0.85	6.03	6.18	31.63	10.98	
4:00	12.05	12.74	13.19	15.73	19.65	1.26	0.78	0.19	0.32	1.12	8.54	9.24	27.02	11.21	
5:00	10.37	10.90	11.25	12.11	13.57	0.81	0.75	0.20	0.35	6.19	16.65	22.74	23.21	11.11	
6:00	12.91	13.56	13.88	16.54	21.71	0.86	0.00	0.00	0.35	7.26	24.53	31.76	16.29	11.21	
7:00	28.99	30.30	31.24	36.83	44.88	4.27	1.80	0.33	0.41	14.55	36.20	50.75	10.62	11.29	
8:00	31.14	33.13	34.47	46.00	64.04	3.15	1.24	0.24	0.46	30.19	43.74	73.92	14.85	11.34	
9:00	36.34	39.56	41.81	58.68	82.35	3.70	1.65	0.34	0.51	30.00	50.45	80.46	13.67	11.51	
10:00	66.05	69.45	71.61	83.33	98.17	4.70	1.91	0.40	0.57	10.50	36.84	47.32	16.48	11.34	
11:00	17.70	18.71	19.57	23.31	29.58	2.29	0.96	0.23	0.58	6.58	25.48	32.07	23.88	11.34	
12:00	14.74	15.76	16.45	19.58	25.18	1.38	0.74	0.24	0.55	8.29	23.28	31.57	25.91	11.32	
13:00	10.46	11.37	12.00	15.84	20.72	1.13	0.53	0.14	0.52	6.01	16.03	22.05	31.32	11.04	
14:00	15.41	16.73	17.71	23.30	32.16	1.23	0.67	0.19	0.50	4.33	13.89	18.22	36.27	11.07	
15:00	19.20	21.57	23.59	34.07	50.86	1.61	1.14	0.31	0.48	11.60	26.32	37.92	31.15	11.23	
16:00	18.74	22.01	25.16	37.25	53.07	1.32	1.17	0.31	0.48	12.57	28.11	40.68	29.86	11.47	
17:00	14.22	16.43	18.44	27.96	42.37	1.06	1.20	0.49	0.47	12.43	29.27	41.71	29.49	11.39	
18:00	44.38	50.53	54.52	74.60	105.00	3.81	3.11	0.97	0.48	33.63	58.26	91.89	11.62	11.62	
19:00	71.77	78.14	84.20	114.03	155.05	7.60	4.84	0.86	0.58	50.31	66.54	116.85	3.65	11.98	
20:00	88.76	92.75	95.85	113.65	139.08	11.32	4.52	0.86	0.83	25.32	53.94	79.26	4.11	11.87	
21:00	71.94	74.94	77.34	89.11	106.42	7.12	3.15	0.64	0.99	7.11	40.02	47.14	8.41	11.42	
22:00	64.03	66.21	67.86	74.50	83.53	6.48	3.20	0.61	1.02	2.90	31.06	33.90	11.01	11.30	
23:00	53.49	55.33	56.75	62.25	69.63	4.63	2.09	0.48	1.02	1.93	23.30	25.20	14.37	11.26	
24:00	52.09	53.78	54.91	60.81	68.96	5.56	2.52	0.49	1.01	3.68	22.36	25.93	14.11	11.32	
<b>Min</b>	<b>7.81</b>	<b>8.29</b>	<b>8.58</b>	<b>9.80</b>	<b>11.17</b>	<b>0.66</b>	<b>0.00</b>	<b>0.00</b>	<b>0.30</b>	<b>0.44</b>	<b>3.57</b>	<b>3.13</b>	<b>3.65</b>	<b>10.98</b>	
<b>Max</b>	<b>88.76</b>	<b>92.75</b>	<b>95.85</b>	<b>114.03</b>	<b>155.05</b>	<b>11.32</b>	<b>4.84</b>	<b>0.97</b>	<b>1.02</b>	<b>50.31</b>	<b>66.54</b>	<b>116.85</b>	<b>38.87</b>	<b>11.98</b>	
<b>Medie</b>	<b>32.56</b>	<b>34.67</b>	<b>36.28</b>	<b>44.64</b>	<b>56.79</b>	<b>3.24</b>	<b>1.64</b>	<b>0.37</b>	<b>0.56</b>	<b>12.02</b>	<b>28.70</b>	<b>40.60</b>	<b>21.03</b>	<b>11.32</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	4
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	3

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	4
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\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87

\*N/A - Analizorul de formaldehidă (CHOH) trimis in Finlanda pentru calibrare în laborator